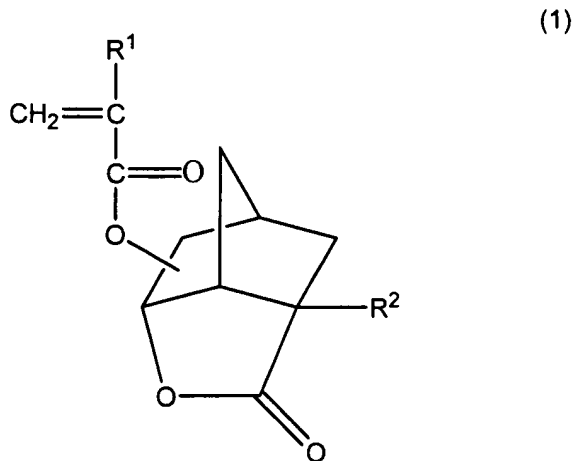


## AMENDMENTS IN THE CLAIMS:

If entered, this listing of the claims will replace all prior versions, and listings, of claims in the application. Below, claim 15 is currently amended.

### LISTING OF THE CLAIMS:

1. (Original) A (meth)acrylate derivative represented by the formula (1):

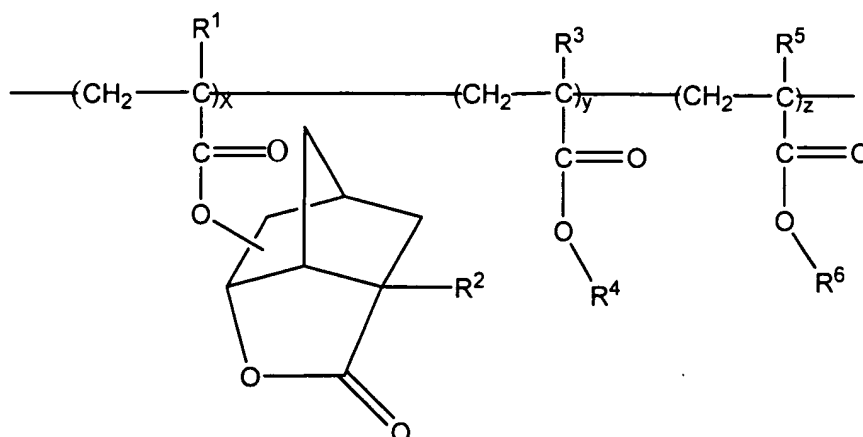


wherein  $\text{R}^1$  and  $\text{R}^2$  are each a hydrogen atom or a methyl group.

2. (Previously Presented) A polymer which is obtained by polymerizing the (meth)acrylate derivative according to claim 1, or copolymerizing the (meth)acrylate derivative according to claim 1 with another polymerizable compound.

3. (Original) The polymer according to Claim 2 which is represented by the formula (2) and has a weight-average molecular weight of 2000 to 200000:

(2)



wherein  $\text{R}^1$ ,  $\text{R}^2$ ,  $\text{R}^3$  and  $\text{R}^5$  are each a hydrogen atom or a methyl group;  $\text{R}^4$  is an acid-labile group, an alicyclic hydrocarbon group having 7 to 13 carbon atoms, which has an acid-labile group, an alicyclic hydrocarbon group having 7 to 13 carbon atoms, which has a carboxyl group, or a hydrocarbon group having 3 to 13 carbon atoms, which has an epoxy group;  $\text{R}^6$  is a hydrogen atom, a hydrocarbon group having 1 to 12 carbon atoms, or an alicyclic hydrocarbon group having 7 to 13 carbon atoms, which has a carboxyl group; and  $x$ ,  $y$  and  $z$  are optional values which meet  $x + y + z = 1$ ,  $0 < x \leq 1$ ,  $0 \leq y < 1$  and  $0 \leq z < 1$ .

4. (Previously Presented) A photoresist material comprising:  
the polymer according to claim 2; and  
a photo-acid generator for generating an acid by exposure.
5. (Previously Presented) A photoresist material comprising:  
the polymer according to claim 3; and  
a photo-acid generator for generating an acid by exposure.

6. (Previously Presented) A photoresist material according to claim 4, further comprising:

a polyhydric alcohol.

7. (Previously Presented) A photoresist material according to claim 5, further comprising:

a polyhydric alcohol.

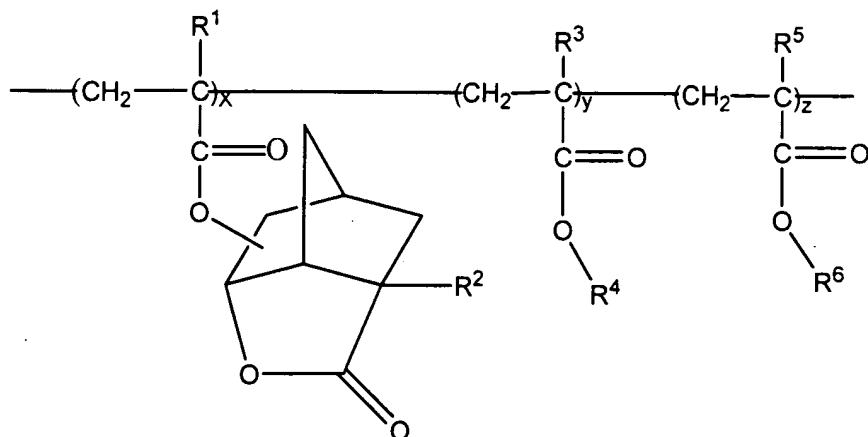
8. (Previously Presented) A photoresist composition, comprising:  
70 to 99.8% by weight of the polymer according to claim 2; and  
0.2 to 30% by weight of a photo-acid generator for generating an acid by exposure.

9. (Previously Presented) A photoresist composition, comprising:  
70 to 99.8% by weight of the polymer according to claim 3; and  
0.2 to 30% by weight of a photo-acid generator for generating an acid by exposure.

10. (Previously Presented) A method for forming a pattern, comprising:  
applying the photoresist material according to claim 4 onto a substrate to be worked;  
exposing the material to a light having a wavelength of 180 to 220 nm;  
baking said material; and  
selectively dissolving one of an exposed portion and an unexposed portion of said material to develop said pattern.
11. (Previously Presented) A method for forming a pattern, comprising:  
applying the photoresist material according to claim 5 onto a substrate to be worked;  
exposing the material to a light having a wavelength of 180 to 220 nm;  
baking said material; and  
selectively dissolving one of an exposed portion and an unexposed portion of said material to develop said pattern.
12. (Previously Presented) The method for forming the pattern according to claim 10 wherein said light comprises an ArF excimer laser light.
13. (Previously Presented) The method for forming the pattern according to claim 11 wherein said exposure light comprises an ArF excimer laser light.

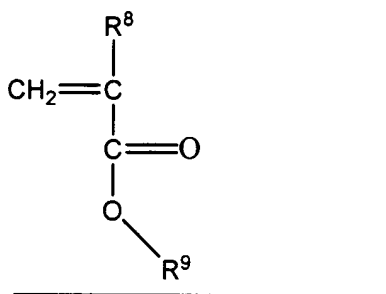
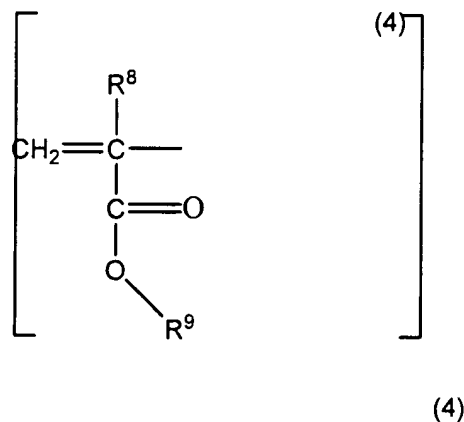
14. (Original) A polymer which is represented by the formula (2) and has a weight-average molecular weight of 2000 to 200000:

(2)



wherein  $R^1$ ,  $R^2$ ,  $R^3$  and  $R^5$  are each a hydrogen atom or a methyl group;  $R^4$  is an acid-labile group, an alicyclic hydrocarbon group having 7 to 13 carbon atoms, which has an acid-labile group, an alicyclic hydrocarbon group having 7 to 13 carbon atoms, which has a carboxyl group, or a hydrocarbon group having 3 to 13 carbon atoms, which has an epoxy group;  $R^6$  is a hydrogen atom, a hydrocarbon group having 1 to 12 carbon atoms, or an alicyclic hydrocarbon group having 7 to 13 carbon atoms, which has a carboxyl group; and  $x$ ,  $y$  and  $z$  are optional values which meet  $x + y + z = 1$ ,  $0 < x \leq 1$ ,  $0 \leq y < 1$  and  $0 \leq z < 1$ .

15. (Currently Amended) A (meth)acrylate derivative having an alicyclic lactone structure which is represented by the formula (4):

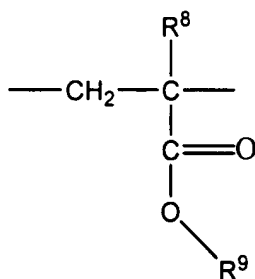


wherein  $\text{R}^8$  is a hydrogen atom or a methyl group;  $\text{R}^9$  is a hydrocarbon group of 7 to 16 carbon atoms having an alicyclic lactone structure.

16. (Previously Presented) A polymer which is obtained by polymerizing the (meth)acrylate derivative according to claim 15, or copolymerizing the (meth)acrylate derivative according to claim 15 with another polymerizable compound and has a weight-average molecular weight of 2000 to 200000.

17. (Previously Presented) A resin for resist having a solubility to an alkaline aqueous solution of which increases due to the decomposition of an acid-decomposable group thereof by an action of an acid, said resin comprising a (meth)acrylate unit of an alicyclic lactone structure represented by the formula (3):

(3)



wherein R<sup>8</sup> is a hydrogen atom or a methyl group, and R<sup>9</sup> is a hydrocarbon group of 7 to 16 carbon atoms having an alicyclic lactone structure.

18. (Previously presented) The resin for resist according to claim 17, wherein said resin comprises the polymer according to one of claim 2 or claim 14.

19. (Previously Presented) A photoresist material comprising:  
the polymer according to one of claims 14 or 16; and  
a photo-acid generator for generating an acid by exposure.

20. (Previously Presented) The photoresist material according to claim 19,  
further comprising:  
a polyhydric alcohol.

21. (Previously Presented) A photoresist composition comprising:  
70 to 99.8% by weight of the polymer according to one of claims 17 or 18; and  
0.2 to 30% by weight of a photoacid generator for generating an acid by exposure.

22. (Previously Presented) A method for forming a pattern comprising:  
applying the photoresist composition according to claim 21 onto a substrate to be  
worked;  
exposing the composition to a light having a wavelength of 180 to 220 nm;  
baking said material; and  
selectively dissolving one of an exposed portion and an unexposed portion of said  
material to develop said pattern.

23. (Previously Presented) The method for forming the pattern according to  
claim 22, wherein said light comprises an ArF excimer laser light.